



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H112119-B

Mode: Highway

Status: Submitted

(New Route - Booker Dairy Road Extension)

From/Cross Street: SR 1003 (Buffalo Road)

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: US 301 (Bright Leaf Boulevard)

Project Category: Division Needs

Length: 1.87

TIP#: U-3334B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$9,390,000

Description:

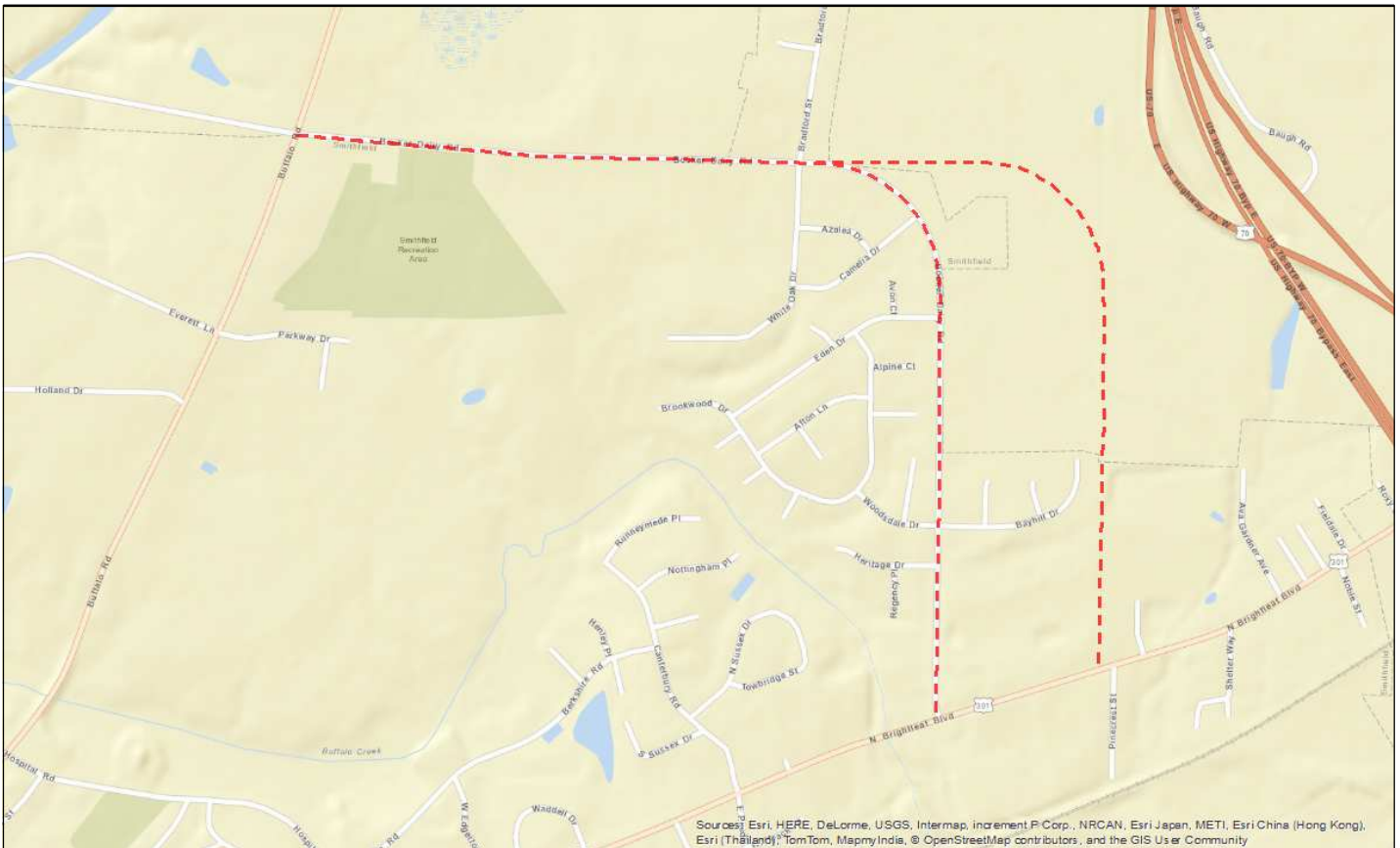
Construct Two Lanes, Part on New Location

Division(s): Division 4

County(s): JOHNSTON

MPOS(s)/RPO(s): Upper Coastal Plain RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 67.05

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 23.08 Safety (10%) 70.26 Lane Width (10%) 25.00 [Paved] Shoulder Width (10%) 50.00 [Travel Time] Benefit/Cost (10%) 2.21 Totals: Weight: 50% Weighted Score: 17.05	Percent: 25% Points: 100	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.9
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	5498
Capacity:	15800
Volume/Capacity Ratio:	0.35
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	90.03
Crash Severity:	53.42
Critical Crash Rate:	67.35
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	88
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	45
Length (miles):	1.87
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	945057.33
Travel Time Savings for 30 Years (Autos):	945057.33
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 4	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Upper Coastal Plain RPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$5,300,000	TIP Unit
Right-of-Way Cost:	\$4,090,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$9,390,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$9,390,000	